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Title: **JP6073196A2: FUNGICIDAL PLASTIC MOLDING AND REFRIGERATOR MADE BY USING THE SAME MOLDING**

Country: **JP Japan**

Kind: **A**

Inventor(s): **KIKUCHI HIROSHI  
NAKA REIJI  
TANAKA KOSUKE**

Applicant/Assignee



**HITACHI LTD**

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Issued/Filed Dates:

**March 15, 1994 / Aug. 28, 1992**

Application Number:

**JP1992000229704**

IPC Class:

**C08J 5/00; C08J 5/00; C08J 9/14; C08L 75/04;  
F25D 23/00; F25D 23/06; C08L 75/04;**

Priority Number(s):

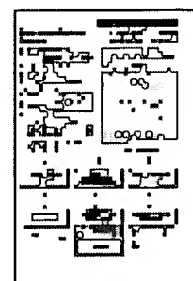
Aug. 28, 1992 **JP1992000229704**

Abstract:



**Purpose:** To provide the subject refrigerator capable of keeping the inside chambers under a high humidity condition without growth of a fungus or a bacterium and, therefore, of keeping stored foods in a high-freshness state while always keeping the inside chambers clean.

**Constitution:** An inorganic antimicrobial agent such as silver or a silver compound is mixed in a plastic molding so as to make a microorganism such as a fungus or a bacterium loose its vitality by the antimicrobial effect of the antimicrobial agent existing on the molding surface and to prevent growth of the microorganism itself even if the microorganism adhering to a food is brought through a food distribution passage into the refrigerator. The plastic molding is preferably composed of polyacrylonitrile resin or a high-concentration acrylonitrile ABS resin, etc. The antimicrobial agent has a long life and there is no requirement for replenishment of exchange. In addition, this plastic molding is chemically stable enough to be free from cracking even when it is brought into contact with a heat insulator such as a polyurethane foam produced by using a substitute flon as the foaming agent. Therefore, a high reliable refrigerator can be obtained.  
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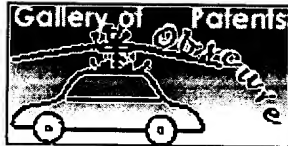
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DERABS C94-124140 DERC94-124140

Foreign References: No patents reference this one

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(43) Date of application publication: <b>15.03.94</b>	(72) Inventor: <b>KIKUCHI HIROSHI</b> <b>NAKA REIJI</b> <b>TANAKA KOSUKE</b>
(84) Designated contracting states:	(74) Representative:

**(54) FUNGICIDAL PLASTIC  
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REFRIGERATOR MADE BY  
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